

October 10, 1978

Women on campus, unite!

Women on Campus, an ad hoc group of faculty, staff, and students, has organized a series of three sessions called "Women and Jobs: Satisfaction or Survival" (see *Events*, p. 11). "The sessions are designed to communicate as much practical information as possible about the opportunities, constraints, and problems facing women in today's labour market," says Dorothy Gillmeister, the University's equal opportunity officer, and a member of Women on Campus.

In addition, every Friday, 12 noon to 2 p.m., Women on Campus and the Students' Administrative Council Women's Commission will hold an informal drop-in luncheon at the Newman Centre. Anyone interested in talking about how the University responds to the needs and concerns of its female faculty, staff and students is welcome.

Editor taking on David and Goliath

In case you were wondering, that other chap in the upcoming federal by-election race in Rosedale is the NDP candidate, Dr. Ron B. Thomson, an editor with the Pontifical Institute of Medieval Studies.

Thomson is the managing editor of the institute's small, but academically prestigious, publications department which produces eight to 10 scholarly books a year on various aspects of the Middle Ages.

His book *Jordanus de Nemore and the Mathematics of Astrolabes: De Plana Spera* was published this spring by the department.

Human freedom and sexuality at OISE

Sexual harassment on the job, rape, gay rights, the psychology of censorship, and prostitution are some of the topics to be discussed in workshops at the Conference on Human Freedom and Sexuality, to take place Oct. 20-21 at OISE, 252 Bloor St. W.

Resource persons from U of T include Professors John Alan Lee and Gad Horowitz.

For information and registration forms, telephone 922-7335.

Trinity book sale

The third annual book sale sponsored by the Friends of the Library, Trinity College, will be held in Seeley Hall on Tuesday, Oct. 24 from 7 p.m. to 10 p.m. and Wednesday, Oct. 25 from 11 a.m. to 9 p.m. The admission fee on opening night will be 50¢ and home-made refreshments will be served.

Donations of books — either hard-cover or paperback — are welcome. All proceeds of the sale will be given directly to the library. For further information, please call 978-2651 or 489-1959.

Students for SGS Council

Students in Divisions I, II, and III of the School of Graduate Studies are reminded that October 13 at 4 p.m. is the deadline for receipt of nominations for by-elections to be held to fill student seats on the SGS Council. Details of the vacancies and nomination forms are available from any departmental office in the three divisions, the Graduate Students' Union, or the School of Graduate Studies.

Number 5, 32nd year
The University of Toronto Bulletin is published by the Department of Information Services, 45 Willcocks St., Toronto M5S 1A1.

Bulletin

To the sonorous strains of organ music, a dignified procession of men and women in traditional academic dress filed into Convocation Hall on Sept. 28 for the official installation of James Milton Ham as the University's tenth President...



An hour later, the tone of the event shifted from restrained to raucous with the tumultuous entry of engineering's Lady Godiva Memorial Band and black-clad Brute Force Committee. The resultant pandemonium was predictable, as the University's engineers made full use of their opportunity to remind everyone that Jim Ham is the first of their number ever to head the University. But President Ham is an engineer with a strong inclination to the humanities, as he made clear in his inaugural address.

He noted that increasing numbers of

students, concerned with finding immediate employment, are opting for professional and other occupationally directed forms of education rather than for a liberal education in the arts and sciences.

"My deepest concern," he said, "is for the revivification of undergraduate liberal education in the Faculty of Arts & Science and its associated colleges. Internally it is essential to the strength of the University and externally it is essential to combat a burgeoning instrumental view of education that values

Briefly doffing academic headgear to don an engineer's hardhat, President James Ham thanks well-wishers at his installation on Sept. 28.

knowledge over wisdom and in the darkness of our times finds little value in the redeeming power of the individual and communal search for truth...

"The humanities define the shape of civilization and help the individual find himself in his or her uniqueness... In addition to building competence the

Continued on Page 3

PhD Orals

Wednesday, October 11

Mario D'Angelo, Department of Mathematics, "On Equiaffine Planes." Thesis supervisor: Prof. P. Scherk. Room 309, 63 St. George St., 11 a.m.

Thursday, October 12

Paul Schwankl, Department of Philosophy, "Kant's Treatment of Moral Character." Thesis supervisor: Prof. D.P. Dryer. Room 111, 63 St. George St., 10 a.m.

Wallace Kalechstein, Department of Physics, "Proton Relaxation in Gaseous Hydrogen and Hydrogen Chloride." Thesis supervisor: Prof. R.L. Armstrong. Room 309, 63 St. George St., 10.30 a.m.

Jonathan Cole Younger, Department of Psychology, "The Lucky Streak: Studies of Observer Belief in the Stability of Chance Determined Outcomes." Thesis supervisor: Prof. A.J. Arrowood. Room 111, 63 St. George St., 2 p.m.

Lewis Marvin Brown, Department of Botany, "Algal Osmoregulation: Effects of Salinity on Some Marine, Soil, Freshwater and Lichen Algae." Thesis supervisor: Prof. J.A. Hellebust. Room 201, 63 St. George St., 2 p.m.

Pierre Goulet, Department of Physics, "Design and Performance of a Coded Aperture System for Thyroid Imaging." Thesis supervisor: Prof. M. Joy. Room 309, 63 St. George St., 2 p.m.

Friday, October 13

Kenneth R. Jackson, Department of Computer Science, "Variable Stepsize, Variable Order Integrand Approximation Methods for the Numerical Solution of Ordinary Differential Equations." Thesis supervisor: Prof. T.E. Hull. Room 309, 63 St. George St., 10 a.m.

Glenna Shirleen Roeder, Department of Medical Biophysics, "Recombination, Maturation and Packaging of the Bacteriophage T7 Chromosome." Thesis supervisor: Prof. P.D. Sadowski. Room 307, 63 St. George St., 10 a.m.

Vittorio de Vecchi, Institute for the History & Philosophy of Science & Technology, "Science and Government in 19th Century Canada." Thesis supervisor: Prof. B. Sinclair. Room 111, 63 St. George St., 10 a.m.

Valerie Anne Raoul, Department of French, "The French Fictional Journal. Fictional Narcissism: Narcissistic Fiction." Thesis supervisor: Prof. W.A. Oliver. Room 309, 63 St. George St., 2 p.m.

Harry Vjekoslav Herman, Department of Anthropology, "Ethnicity and Occupation: Comparative Analysis of the Occupational Choices of Croatian and Macedonian Immigrants to Ontario." Thesis supervisor: Prof. P. Carstens. Room 307, 63 St. George St., 2 p.m.

David Wayne Roberts, Department of History, "Labour and Reform in Toronto, 1896-1914." Thesis supervisor: Prof. K.W. McNaught. Room 111, 63 St. George St., 2 p.m.

Peter George Meyerhof, Department of Zoology, "Studies on Cytoplasmic Factors from Amphibian Eggs Which Cause Metaphase and Cleavage Arrest." Thesis supervisor: Prof. Y. Masui. Room 7203, Medical Sciences Building, 2 p.m.

Monday, October 16

Nasim Ullah Khan, Department of Educational Theory, "Systems Based Individualized Learning in Early Childhood: A Longitudinal Study of Information Concept Learning in Infants and Young Children Based on an Interactive Systems Model of Diagnostic Monitoring." Thesis supervisor: Prof. W. Fowler. Room 111, 63 St. George St., 9.30 a.m.

David Graham Wright, Department of English, "Autobiographical Expression in Yeats and Joyce." Thesis supervisor: Prof. M.J. Sidnell. Round Room, Massey College, 10 a.m.

Elizabeth Storr Cohen, Department of History, "The Socialization of Girls and Young Women in Early Modern France." Thesis supervisor: Prof. J. Dent. Room 201, 63 St. George St., 10 a.m.

John Yiu Chow Chan, Department of Pathology, "The Isolation and Purification of Human Factor XII: Its Interaction with High Molecular Weight Kininogen and the Initiation of the Contact Phase of Blood Coagulation and Kinin Generation." Thesis supervisor: Prof. H.Z. Movat. Room 307, 63 St. George St., 2 p.m.

Hidemoto Nakagawa, Department of Electrical Engineering, "Electrical Transport Properties of Holes in Silicon and Germanium." Thesis supervisor: Prof. S. Zukotynski. Room 309, 63 St. George St., 2 p.m.

Tuesday, October 17

Alice Jane Lee Hanlan, Department of Chemistry, "Chemical Synthesis Using Cobalt, Rhodium and Iridium Vapours." Thesis supervisor: Prof. G.A. Ozin. Room 309, 63 St. George St., 10 a.m.

Gwen Marion Matheson, Department of English, "Utopia and the Kingdom: A Study of the Social and Religious Thought of Aldous Huxley." Thesis supervisor: Prof. D.J. Dooley. Room 111, 63 St. George St., 10 a.m.

Elizabeth Ann Cape, Department of Sociology, "Going Downhill Responses to Terminality in a Population of Institutionalized Aged Ill." Thesis supervisor: Prof. R.L. James. Room 201, 65 St. George St., 10 a.m.

Leo Ronald Gotlieb, Department of Computer Science, "Optimal Multi-way Search Trees." Thesis supervisor: Prof. J.D. Lipson. Room 307, 63 St. George St., 11 a.m.

Walter Theodore Shmayda, Department of Aerospace Science & Engineering, "The Plasma Current Multiplier." Thesis supervisor: Prof. P.C. Stangeby. Room 309, 63 St. George St., 2 p.m.

Donald Clare MacCharles, Department of Political Economy, "The Cost of Administrative Organizations in Canadian Secondary Manufacturing Industries." Thesis supervisor: Prof. H.C. Eastman. Room 201, 65 St. George St., 2 p.m.

Guy Pierce Allen, Department of English, "Seven English Versions of the Coriolanus Story." Thesis supervisor: Prof. S.P. Zitner. Room 307, 63 St. George St., 2 p.m.

Linda Margaret Spear, Centre for Medieval Studies, "The Treatment of Sexual Sin in the Irish Latin Penitential Literature." Thesis supervisor: Prof. L.E. Boyle. Room 111, 63 St. George St., 2 p.m.

Wednesday, October 18

Alan Robert Gilmore, Department of Sociology, "Crowding: An Anatomy of a Spurious Paradigm." Thesis supervisor: Prof. W. Michelson. Room 111, 63 St. George St., 8.30 a.m.

Herman Yeger, Department of Anatomy, "An Ultrastructural and Immunocytochemical Investigation of the Assembly of Rauscher Murine Leukemia Virus Temperature-Sensitive Mutants." Thesis supervisor: Prof. V.I. Kalnins. Room 307, 63 St. George St., 10 a.m.

Michael David Fryzuk, Department of Chemistry, "Asymmetric Synthesis. The Use of Chiral Rhodium-Diphosphine Complexes as Homogeneous Asymmetric Hydrogenation Catalysts." Thesis supervisor: Prof. B. Bosnich. Room 309, 63 St. George St., 10 a.m.

Andrzej Niedzwiecki, Department of Aerospace Science & Engineering, "On the Loudness of Sonic Booms and Other Impulsive Sounds." Thesis supervisor: Prof. H.S. Ribner. Room 307, 63 St. George St., 2 p.m.

Jean Mary O'Grady, Department of English, "The Role of the Narrator in the Fiction of George Meredith." Thesis supervisor: Prof. H. Kernebeck. Room 111, 63 St. George St., 2 p.m.

David Aron Shafer, Department of Anthropology, "Chromosome Structure and Banding Organization in Human and Mammalian Cells." Thesis supervisor: Prof. A. Ray. Round Room, Massey College, 2 p.m.

James Butrica, Department of Classics, "The Manuscript Tradition of Propertius." Thesis supervisor: Prof. R.J. Tarrant. Room 201, 63 St. George St., 2.10 p.m.

Thursday, October 19

Joan Mary Sherwood, Department of History, "Abandoned and Illegitimate Infants in Eighteenth Century Spain: A History of the Foundling Hospital of the Inclusa." Thesis supervisor: Prof. W.J. Callahan. Room 111, 63 St. George St., 2 p.m.

Gail Susan Dixon, Faculty of Music, "Pitch Organization in 20th Century Music: A Historical Survey and Comparative Analysis of Concepts of Selected Theorists, 1900-1950." Thesis supervisor: Prof. R. Falck. Room 310, Edward Johnson Building, 2 p.m.

Ronald Paul Thompson, Department of Philosophy, "Genetic Explanation Schemes in Biology." Thesis supervisor: Prof. T.A. Goudge. Round Room, Massey College, 2 p.m.

John George Woodworth, Department of Physics, "Photodisintegration of 180 ." Thesis supervisor: Prof. K.G. McNeill. Room 307, 63 St. George St., 2 p.m.

Friday, October 20

Joyce Barbara Pratt, Department of Educational Theory, "The Development and Evaluation of an Extended Assertiveness Training Program." Thesis supervisor: Prof. P. Gamlin. Room 111, 63 St. George St., 10 a.m.

Christopher Cunningham, Department of History, "The Casa del Obrero Mundial and the Mexican Revolution." Thesis supervisors: Profs. D. Raby and W.J. Callahan. Round Room, Massey College, 10 a.m.

Larry Stewart, Institute for the History & Philosophy of Science & Technology, "The Structure of Scientific Orthodoxy: Newtonianism and the Social Support for Science, 1704-1782." Thesis supervisor: Prof. T.H. Levere. Room 201, 65 St. George St., 10 a.m.

Ezra Solomon Lwowski, Department of Physiology, "The Secretion of Cortisol by Adrenal Cortical Tissue." Thesis supervisor: Prof. D.W. Killinger. Room 307, 63 St. George St., 2 p.m.

George Albert Arras, Department of Political Economy, "Liberal-Democratic Political Theory and the Steady State." Thesis supervisor: Prof. C. Bay. Round Room, Massey College, 2 p.m.

Margaret Joan Luxton, Department of Anthropology, "Why Women's Work Is Never Done. A Case Study from Flin Flon, Manitoba, of Domestic Labour in Industrial Capitalist Society." Thesis supervisor: Prof. S.B. Philpott. Room 201, 65 St. George St., 2 p.m.

Abdur Rauf, Department of Educational Theory, "A Study of Objective Social Classes, and Their Expectations Towards Personal and Societal Futures." Thesis supervisor: Prof. D. Livingstone. Room 111, 63 St. George St., 2 p.m.

Leslie Sanders, Department of English, "From Shadows to Selves: Developing the Black Theatre in America." Thesis supervisor: Prof. R.B. Parker. Croft Chapter House, University College, 3 p.m.

Monday, October 23

Mary Nyquist, Department of English, "The Temptation Against the Word in Reformation Theology and in Milton's *Paradise Lost* and *Paradise Regained*." Thesis supervisor: Prof. W. Halewood. Room 111, 63 St. George St., 2 p.m.

Research News

Connaught senior fellowships in the humanities

The Connaught Committee has established November 15 as the deadline date for submission of applications for Connaught senior fellowships in the humanities.

This program was designed to meet several needs which were identified in a concern for better research support, particularly in the humanities. Faculty members of those departments within the purview of the Connaught Humanities Review Panel and, in exceptional cases, scholars in other departments who are working in the humanities are eligible. Fellows are selected on the basis of retrospective recognition of proven ability and achievement and a distinguished record in research and scholarship.

Individuals may either apply or be nominated. For further information and application forms, call ORA at 978-2163.

Conn Smythe Research Foundation for Crippled Children

This foundation supports research into the causes, prevention, and special treatment of handicapping conditions. Although research dealing with preventive aspects of any medical condition which could result in a continuing physical handicap is encouraged, attention is also directed toward improved methods of treatment.

Applications may be submitted at any time during the year but must reach the foundation not later than November 1 or May 1 in order to qualify for the foundation's funding start dates. For further information, call ORA at 978-2163.

Application Deadlines

Following is a list of agency deadlines through November. Please remember that in most cases applications must be at ORA two full weeks before the agency deadline.

Department of Labour (Canada): research grants — November 1.

Ministry of Labour (Ontario), lottery funds: safety and occupational health, and manpower training and development granting programs — November 1.

Natural Science & Engineering Research Council: equipment, major equipment, core, individual operating, team and travel grants — November 1.

U.S. National Institutes of Health: new applications — November 1.

Ministry of Health (Ontario): all grants and renewals, except fellowships — November 1. Applicants are reminded that "Review of Human Subjects" must be completed before the application is submitted.

Medical Research Council: scholarships — November 1; term, continuing annual, new project, one year only, major equipment grants, and research professorships — November 15.

Energy, Mines & Resources: research agreements — November 15.

Ministry of Natural Resources (Ontario): geoscience research grant program — November 15.

Health & Welfare Canada: Family Planning Division — November 15.

Canadian National Sportsmen's Fund — November 30.

Ontario Mental Health Foundation: personnel awards only (fellowships, scholarships, associateships, etc.) — November 30.

For further information and application forms, call ORA at 978-2163.

Stretching faculty's budget is new library dean's biggest challenge

"Opportunities for professional librarians seem to be expanding," says Professor Katherine Packer, who takes over from Frances Halpenny as dean of the Faculty of Library Science on Jan. 1.

"In spite of the recession in other areas, our graduates are finding positions ... and I don't mean as dishwashers. Their training in information storage and retrieval has much wider application than the library science education of the past."

During her term of office, Prof. Packer says the faculty will continue to be as sensitive as possible to the needs of the profession as a whole where curriculum planning is concerned.

"Changes have been taking place very rapidly in libraries," she says. "Librarians are having to deal with new technology and new service responsibilities. Many of those who graduated some years ago have been coming back for courses that will bring their skills up to date. Over the past few years, our continuing education program has been very important. There's no guarantee that will continue to be the case, though."

Prof. Packer's own teaching duties will either be suspended or substantially reduced when she becomes dean. But one aspect of her work that definitely won't be cut is a major research project funded by the Canada Council. Her investigation is focused on user reaction to the micro-catalogue in the Robarts Library. She expects to publish her findings by June, 1980.

A member of the faculty since 1967, Prof. Packer graduated in 1941 with a degree in modern languages from University College and took her library degree in 1953 at the University of Michigan. During the intervening 12 years, she married, had a daughter, and moved wherever her husband's career took them. (He is Professor W.A. Packer of the German Department at University College.)

She had worked in the Civil Engineering Library at Cornell University while her husband was working on his PhD. However, it wasn't until he expressed concern about the family's financial security in the event of his death that she decided to take professional librarianship training.

"It was a toss-up between spending more on life insurance for my husband or putting the money towards career training for me. When we made the decision, I was as concerned with



personal enrichment as with having a potential career.

"My specialty was rare books, coupled with children's work because I had a young daughter. Here at the faculty, that sort of combination is pointed out as an example of what not to do. It's not considered to be a particularly rational combination. But it was perfectly rational in terms of my interests."

Her first job as a professional librarian was in the University of Michigan's William L. Clements Library, a collection of rare books on American history. Three years later, in 1956, the Packers were living in Winnipeg and both working at the University of Manitoba. Then, in 1959, they returned to Toronto.

After three years at the University of Toronto Library, she spent a year as head cataloguer at the York University Library, then three years as chief librarian at the Ontario College of Education (now the Faculty of Education). From there she was asked to become a member of the Faculty of Library Science.

What does Katherine Packer see as the biggest challenge of her new job? Not surprisingly, her answer is "stretching the budget".

"It's a difficult period," she says, "and all deans are being asked to do more with reduced resources."

President Ham on 'Take 30'

President James Ham will appear on CBC's "Take 30" program, Wednesday, Oct. 18 at 3:00 p.m., when he will debate the importance of a liberal arts education vs. professional training with Walter Pitman, president of Ryerson Polytechnical Institute.

Installation of President James Ham

Continued from Page 1

student ought to encounter questions of character and conscience."

The University also has a responsibility, he said, to provide mature students with opportunities both for part-time studies and for continuing education geared towards career changes made necessary by "the changing shape of our society." However, he warned against aiming at "narrowly-conceived short-term pragmatic ends".

On a lighter note, he saluted the attendant "stimulus of students, prickle of professors, dither of deans, and panic of presidents", defining those in the latter office as persons who shake the hands of one-third of those present, and the confidence of the other two-thirds.

The eight official delegates who brought greetings from their respective jurisdictions certainly gave no indication of being among the sceptical two-thirds.

"Jim Ham is the ideal choice for the leadership of this great University," said Professor Donald F. Forster, president and vice-chancellor of the University of Guelph and chairman of the Council of Ontario Universities. "I knew him in the past not only as a formidable and successful dean of a major faculty, but also as a sensitive, tolerant, compassionate man, a scholar with incredibly wide-ranging interests and skills."

"Principled and thoughtful, he knows what a university is and will fight, resourcefully and well, all attempts to divert us from our essential purposes and functions."

Both President Forster and Professor Paul Lacoste, rector of the Université de Montréal and president of the Association of Universities and Colleges of Canada, referred to U of T's role in the university system.

"Your colleagues in other Canadian universities," said Prof. Lacoste, "will be looking to you for inspiration in the resolution of their own problems. Solidarity at the university level is today more important than ever ... if we are to defend ... the intellectual values which the university has traditionally represented."

Speaking on behalf of the University's academic staff, Dean Arthur Kruger of the Faculty of Arts & Science said:

"Jim Ham has the scholar's ability to identify problems and work out

possible solutions. He knows a great deal about the various parts of this complex institution. He has the humility to admit that there are things he must yet learn and the ability to seek information and advice when necessary.

"Most important of all, he loves this University and all who play a role in making it a great centre of scholarship."

Gwen Russell, representing the administrative staff, praised the new President's ability to communicate with the staff, his concern for their well-being, and his understanding of their "many and varied problems".

Brian Hill, president of the Students' Administrative Council, said he was optimistic about the relationship between SAC and the Ham administration. He described the President as accessible, forthright and fair.

Official greetings were also presented by the Honourable Robert Welch, Deputy Premier of Ontario, Executive Alderman David Smith representing the city, and Helen Pearce on behalf of the alumni.

Marnie Paikin, chairman of the Governing Council, conducted the installation after mentioning "a few of the lesser-known highlights" of James Ham's career.

"He had the good judgement to be born in Coboconk, obviously knowing the memories of that very calm, quiet village would have to sustain him during the often-frantic days of a presidency."

"During a stint in the Royal Canadian Navy, he mastered the art of stabilizing a ship through troubled waters..."

"And just this past summer he scaled Mount Garibaldi in British Columbia" which indicates that he has "the ability to reach the heights and return to level ground, balanced and stable."

The academic procession included representatives from universities across Canada as well as from the Ontario College of Art, Ryerson Polytechnical Institute, Ontario Institute for Studies in Education, and the Massachusetts Institute of Technology.

Father John Kelly, President James Ham, and Lieutenant-Governor Pauline McGibbon appreciate the engineers' salute to one of their own



I am committed to a multi-campus University' says President Ham, rejecting suggestion to close Scarborough, Erindale

A suggestion that the Scarborough and Erindale campuses be closed or their roles modified, made by the Ontario Council on University Affairs (OCUA) in its recently published *The Ontario University System: A Statement of Issues*, has been rejected by President James Ham.

"At the present time, I am committed to a multi-campus University," said President Ham in a statement responding to the OCUA report.

Erindale and Scarborough "were set up in the mid-sixties to serve the still

rapidly growing suburban communities of Mississauga and Scarborough," said the President.

"The majority of students there have elected them as their first choice. The teaching and research at these colleges is interwoven into the total fabric of the University of Toronto."

The suggestion to close down or modify satellite campuses (including York's Glendon campus) was one of several measures OCUA says Ontario universities should consider in order to maintain the quality of the university

system in the face of declining enrolment and restricted funding.

Other options OCUA proffers for consideration include the merger of some undergraduate programs of adjacent universities; maintaining enrollment levels in professional programs consistent with employment opportunities; and the elimination of any high-cost honours programs for which demand has declined.

The paper will be discussed when the universities present their annual briefs to OCUA in the spring.

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'What does UTS do for the University?'

asks Academic Affairs member, as committee approves substantial fee raise for school

An increase that will bring the annual fee for the University of Toronto Schools (UTS) from \$300 to \$550 in 1979-80 and to \$800 in 1980-81 was approved Sept. 28 by the Academic Affairs Committee.

A branch of the University's Faculty of Education (FEUT), UTS is financed by fees and an annual grant made to the University by the Ministry of Colleges & Universities. Operating costs for UTS have increased more rapidly than the

government grant, and the fee has not gone up since 1959, when it was raised from \$150 to \$300. The school's deficit for 1977-78 was about \$290,000.

The new fees were approved "provided there is no reduction in the government's operating grant" and, since the increases will not offset the entire operating deficit, the committee recommended that the University seek a larger grant for the school.

The only committee member to vote

against the increase was alumna Joyce Forster, who said it was "unconscionable" to ask the taxpayers and the University to cover the school's operating deficit.

"I'm astonished, at this time of financial difficulty, that we are being asked to settle for anything less than a fee proposal aimed at breaking even. At Branksome Hall, the break-even fee for a day pupil is \$2,400 and it's \$3,000 at Upper Canada College. The vast majority of UTS parents could afford to pay more

but are getting a cut rate.

"I know what the University does for UTS, but what does UTS do for the University? As far as I can see, UTS performs the same function as other secondary schools that take in student teachers. UTS is an intendant school, and that kind of thing costs.

"This is one of the 5,000 little dribbles (of money) that go out during the year. Then, when budget time rolls around, we're told University staff will have to be cut."

Dean John Ricker of FEUT, also a committee member, said UTS plays a vital role at the faculty, and, in addition, provides a curriculum geared to intellectually gifted students, "for whom no other such institution exists in Canada."

Admission to UTS is open to any grade six student, within commuting distance, who scores among the top 70 candidates in the school's tests of mathematical, verbal, and creative writing skills. About 700 students write the entrance exams each year.

"UTS supplies the University with some of its best students," said Dean Ricker. "There is no doubt in my mind that it is the best, or possibly the second best, secondary school in the country. We need to be associated with an institution that stands for excellence."

In other business, the committee approved a proposal that all students entering Scarborough College during and after the 1980 admissions cycle and proceeding to a bachelor's degree in the University be required to take a basic test in English composition upon registration. Those who failed could be re-tested but would be denied further registration as full or part-time students until the test had been passed.

The committee also approved a new hood for the BScPhm and a new academic gown for the dean of the Faculty of Pharmacy.

Alexandra Bezeredi, a full-time undergraduate student at Trinity College, replaces Julia Turner on the committee, and Vincent De Luca, professor of English at Erindale College, replaces Professor Scott Eddie on the Sub-committee for Curriculum & Standards.

The next meeting of the Academic Affairs Committee will take place at 4 p.m. on Oct. 12 in Simcoe Hall.

New centre will honour Charles H. Best

A number of projects and programs to honour Charles H. Best, the co-discoverer of insulin, are underway at U of T.

Charles H. Best Day will take place Oct. 18 (see Events, p.10), at which time a prize bearing his name will be presented. All members of the University community are invited to attend.

The Faculty of Medicine plans to establish a new centre for diabetic research — the Banting & Best Diabetes Centre. A planning and co-ordinating committee has been formed to identify research, education, and patient needs and to define the relationship the proposed centre's programs would have to those already in existence. The committee is also investigating ways of funding the centre.

In addition, the Charles H. Best Memorial Fund has been established by the Faculty of Medicine to encourage University research into diabetes and related diseases. The support of the Banting & Best Diabetes Centre is the primary purpose of the fund. Donations are welcome and should be made payable to the University of Toronto Charles H. Best Memorial Fund, Room 211, Best Institute, 112 College St.

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1,500	133.62	70.96	50.18	39.87	33.74
2,000	178.16	94.61	66.90	53.16	44.99
3,500	311.79	165.57	117.08	93.03	78.74
5,000	445.40	236.50	167.25	132.90	112.45
10,000	890.80	473.00	334.50	265.80	224.90

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Universities and Colleges

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Funny, bawdy and cynical

Ibsen's *League of Youth* opens Hart House Theatre season

Plays that are old but "fresh" will be performed against sets that are the same but different this season at Hart House Theatre.

"It's a 19th century season, so the plays are all old," says Professor Michael Sidnell, director of the Graduate Centre for the Study of Drama. "But they're fresh in the sense that few people will have seen them before. We're not offering acknowledged classics."

With a season centred around one period, the same basic set can be adapted for all three plays, explains Ronald Bryden, visiting professor of drama and chairman of the theatre program committee.

Designer Lawrence Schafer has come up with a three-walled set with French doors across the back. It's a room with a view, but the view can be varied considerably as can the interior decor.

The first production, Henrik Ibsen's *The League of Youth*, is a tribute to the 150th anniversary of the playwright's birth.

"This particular play doesn't really fit in with Ibsen's problem plays about an individual in conflict with society," says Prof. Sidnell. "It's more a comedy than a realistic social drama.

"It's seldom produced because it's relatively immature. The plot isn't as well worked out as in his later plays. But the theme is appropriate to our time — the time following the turmoil of the sixties.

"The play illustrates the difference between reformers and radicals. Reformers are the true pioneers of a cause. Radicals try to further their own political careers by promoting a cause that's already accepted."

It's a play that fits Toronto, says Prof. Bryden. The young protagonist tries to conquer a city as director of its art palace, only to come up against the "respectability" of the establishment —

a sort of family compact who made their money in lumber and shipping.

"It's actually funnier, bawdier, and more cynical than 90 percent of the plays written today."

The play's political overtones are well suited to director Ira Levine, adds Bryden. A PhD candidate at the Drama Centre, Levine was involved with student politics in California during the sixties.

The League of Youth will run Oct. 11, 12, 13, 14, 18, 19, 20, and 21. All performances begin at 8 p.m.

The season's other two productions at Hart House are Paul M. Potter's melodrama, *Trilby*, about the evil genius Svengali and his beautiful protégée, and Frank Wedekind's *The Marquis of Keith*, a sardonic comedy about sex, money, and art. *Trilby* opens in late November, and *The Marquis of Keith* in early February. Subscription tickets to all three plays are \$12 (students \$6).

An even bigger bargain are the Drama Centre's three studio productions in the little converted church at 4 Glen Morris Street. Admission is free but reservations should be made by calling 978-4010 (1 to 6 p.m.) or 978-8705 (after 6 p.m. on evenings of performance).

Ibsen's *Lady from the Sea* will be performed at the Studio Theatre Oct. 25, 26, 27, 28 and Nov. 1, 2, 3, and 4. James Shirley's *The Lady of Pleasure* will run in early December, and Edward Bulwer-Lytton's *Money* opens in late January.

"These are company plays, which makes them ideal here on campus," says Bryden. "To me, company productions are far more sophisticated and satisfying to watch than second-rate *ad hoc* assemblages of actors being sold with one star. On the one hand, you have the product of a civilized community, on the other, a solo turn by a freak individual."

Involvement in Hart House and Studio Theatre productions is a must for Drama Centre students.

"They do scholarly research on plays and study them as works of literature, but we have no practical training program," says Bryden. "That's why it's essential for our students to work on some aspect of these productions. It gives them a chance to see how drama fits into the theatre."

Sidnell is quick to point out, though, that neither theatre is a Drama Centre preserve.

"We'd like to get people out from all over the University. It would be nice to have a wider spectrum of ages in our productions and we can always use more help with things like costumes, lighting, set building, and publicity."

"Last year, we were lucky enough to attract a Welsh tenor from the Personnel Department and I suspect there are other talented types lurking out there. They'll certainly be given a warm welcome."

Anyone interested in participating in Hart House or Studio Theatre productions should call Jan Bessey at 978-8674 or Luella Yade at 978-4010.

Press Notes

University of Toronto Press was founded in 1901 in a most unplanned fashion. The firm which had been printing the University Calendar, examination papers, and so on, went suddenly out of business. This prompted the powers of the time to set up a campus printing office which would give priority to university

printing needs. They recommended that 'the services of a first class practical printer be obtained at a salary of \$10 or \$15 a week.' The initial cost of the printing plant was not to exceed \$1000.

We pause to reflect wistfully on how far a dollar must have gone in those palmy days, and to explain to bewildered readers that Press Notes will be a regular paid feature in this space, to help keep the university community informed about some of the happenings at the Press. Topics will touch on our three major concerns — book publishing, bookselling, and printing. Now read on.

Obviously a first class and practical man was chosen for the job of printer because from that modest beginning UTP has become one of the six largest university presses in North America. Today it has by far the largest backlist of any book publisher in Canada. Its printing plant occupies almost three acres on Dufferin Street, just south of Steeles Avenue. (The first printer back in 1901 would be amazed to know that his successors have just purchased a new press, costing many times \$1000, but capable of printing on both sides of a page simultaneously at a rate of 13,000 impressions per hour.) UTP also operates four retail bookstores — the Bookroom and the Textbook Store on the St George campus, and one each at Scarborough and Erindale. Here are some further facts.

— UTP publishes an average of 100 titles a year as well as 22 quarterly journals.

— UTP's total sales over all divisions today are 12 times what they were 25 years ago.
— One in every six books written by U of T authors is published by UTP.
— The Press employs close to 400 staff members.

— The Printing Plant produces nine of the eleven journals published by the National Research Council — work secured in open public tender on the basis of quality, service, and price.
— The Bookroom and Textbook Store combined carry close to 50,000 titles. About one-fifth of their sales occur in the first week of the September rush.

Laying aside our trumpet and removing the right hand from the heart area, we stop to add our voice to those who deplore this modern trend of reporting all information as statistics. At least we put them all together so you can either read or skip them.

University
of Toronto
Press

Typeset by University of Toronto Press in 10 pt Aldus

Professors integral, but under-used part of society, says OCUFA chairman David Inman

The feasibility of establishing a "research referral centre" — a computer bank of professors and their fields of expertise — that would enable the private sector to draw talent for research and development from universities, will be explored by the Ontario Confederation of University Faculty Associations (OCUFA) and the Ontario Chamber of Commerce (OCC).

Such a centre would provide information on the qualifications and experience of professors who are willing to undertake projects sponsored by government, commerce, industry, and other institutions, says OCUFA chairman Dr. David Inman, McMaster University.

"It would enable business to acquire a wide range of specialized planning and development knowledge without incurring additional internal overhead costs. It would also help the university system to overcome some of its funding problems by generating expanded revenues, and it would facilitate the hiring of young scholars."

Dr. Inman spoke to ten Ontario university professors representing OCUFA, and ten business executives representing OCC, who met recently for the first time without government as an intermediary, in Toronto.

The meeting, to be the first in a series, was designed to define areas where improved relations between universities and business can stimulate mutual growth. It was initiated by OCUFA

because, as Inman explained, "professors can no longer afford to be seen as passive by-standers on the periphery of the harsh realities of constraint and hesitation afflicting society . . . A question mark hovers over the future stability of the university system and the value of higher education."

"Clearly it is our responsibility to demonstrate to the general public and the private sector that we are an integral, though under-utilized, part of the broader society."

The employment prospects of graduates, and their desirability as employees, were among several issues discussed at the meeting.

"Young people hesitate to enrol in university because they harbour doubts about the value of a higher education," said Inman.

"Graduates worry about leaving university because the right jobs do not appear to exist. One widely-held negativism is that while careers exist for engineers, scientists, lawyers, and other specialists, the general arts or science graduate faces a dismal future. This disturbs us, as students in bachelor of arts and science courses represent a high percentage of the student population. We believe employers and the general public are overlooking the value of BA and BSc graduates."

C.D. Parmalee, vice-president of corporate affairs, Denison Mines Ltd., offered a somewhat different view of

the value of some graduates, saying that "many hold a definite anti-business bias."

"This bias is taught in university, and some universities produce more of this type of graduate than others," he added.

Business is frustrated by a lack of daring and entrepreneurial spirit on the part of graduates, said Frank Warnock, president of M. Loeb Ltd., Ottawa.

"The risk takers who go into the business world with the aim of becoming millionaires are not university graduates. Graduates look for comfortable positions. They seem to have the attitude that someone out there will take care of them."

As one possible means of producing graduates who would make better employees, it was decided that a steering committee be set up to develop opportunities for future business-university activities and to look into the feasibility of a compulsory course which would give university students insight into Canadian government and business.

The steering committee has also been given the job of trying to find "a mechanism to raise the level of the intellect, curiosity, and innovation of students to stimulate entrepreneurship", and of identifying ways of improving the relationship between university career counsellors and industry personnel people to help meet the needs of graduates, particularly at the bachelor of arts and science level.

'The humanities define the shape of civilization . . reaffirming the University's commitment to und

Madam Chairman, Your Honour, Mr. Chancellor, Mr. Minister, Mr. Deputy Minister, Mr. Alderman, Ladies and Gentlemen.

The association of my family with what is now the University of Toronto extends back three generations, for my mother's father graduated from Wycliffe College in 1886. The sacrifice that my family made to enable me to enter engineering in S.P.S. thirty years ago represented for them a private version of the Ontario Student Assistance Program which, Mr. Deputy Minister, is so central to the equitability of access of young people to our universities today.

I now stand before you deeply honoured and surprised to have been asked to become the tenth president of this great good place. I hesitate to ask how many of you share my sense of surprise.

What is central on this occasion is the celebration of the continuity of the life of the University of Toronto in the Province of Ontario, in the City of Toronto, and among the company of provincial, national and international universities. It is also a family celebration of the continuity of commitment of the citizens of the University itself — the Governing Council, academic staff, administrative staff, students, alumni and friends. On behalf of the University I thank the Honourable Robert Welch, Alderman David Smith, President Donald Forster, Rector Paul Lacoste, Dean Arthur Kruger, Mrs. Gwen Russell, Mr. Brian Hill, and Mrs. Helen Pearce for their greetings, at once both warm and symbolic. My spirit is lifted up by the presence in this hall of so distinguished a company. And I salute what I perceive to be a stimulus of students, a prickle of professors, a dither of deans, and a panic of presidents!

This installation ceremony represents a sharing by all of us in a commitment to the idea of a university and to that remarkable academic city which is the University of Toronto rooted in 150 years of the history of Ontario and of Canada. Commitment may take many forms. We are meeting in Convocation Hall, funds for the building of which (exceeding \$50,000 — lest anyone feel that \$50,000 is a mean sum, keep in mind that at a rate of 5% interest over 75 years it works out to \$2,000,000) were raised in 1903 by the then newly formed Alumni Association. The generosity of support for the current Update Fund initiated by President Evans under the superb chairmanship of St. Clair Balfour, is deeply reassuring to us in these difficult years.

I would like to sketch out briefly some of the external and internal factors that are placing stress upon this University and others and then to consider how they may bear on the perennial necessity for the University to renew its vitality.

Marshall McLuhan recently said that our times are so troubled that one rarely sees anyone asleep in a church or a synagogue. A president has been defined as one who shakes the hands of one-third of those present and the confidence of the other two-thirds. Perhaps I can count on the alertness of two-thirds of the audience.

Ontarian and Canadian universities as well as those in many other countries have recently emerged from supposedly golden years of growth and diversification to find themselves unwept, unhonoured and unsung except in the columns of querulous editors, and to find themselves beset by financial stringency in parlous times. But this growth was in response to an insistent public policy of accessibility and the ready commitment of massive

public funds on which we continue to rely. None had the wisdom to refuse the largesse.

The temporarily affluent society which endorsed massive growth also became less fecund and immigration into a land of now serious unemployment has been largely suspended. Hence it is forecast that beginning in 1982 there will be a major demographic decline in the number of students available to populate the universities and prior to that the primary and secondary schools. Further, in response to the exigencies of obtaining immediate employment, the preference of significant numbers of students is shifting away from liberal education in the arts and sciences to professional and other occupationally directed forms of education.

The Ontario Council on University Affairs which is advisory to the Government of Ontario, has just issued a Statement of Issues suggesting that a number of universities consider merging their programs in arts and science and that others such as Toronto and York consider closing or modifying so-called satellite campuses such as Erindale, Glendon and Scarborough. The increase in provincial funding plus fees for universities in Ontario this year is at about half the rate of inflation. We are a deeply troubled academic community in a deeply troubled country in a radically interdependent world.

What implications do these external factors have for the balance of this University? In terms of physical arrangements some reconfiguration of the location of academic divisions in the University as a whole may be called for. The objective of any such change will be to preserve the integrity of the whole. One of our problems is the age and state of our buildings. Many of you will know that we had a disastrous fire in the Sandford Fleming Laboratories in February 1977. Mr. Deputy Minister, it is with great gratitude that I now advise the University that, in these days of severe financial restraint, the provincial government has given approval in principle for the capital funds fully to reconstruct this complex.

Within our total tasks I consider one to be paramount. It is to renew our commitment to liberal education. Before presenting my views let me take note of certain changes in the internal ethos of this academic city. The image of the University as an academic city is central to the theme of my remarks.

The transformation in recent years in the manner in which this University orders its internal institutional affairs has been dramatic. Our novel Governing Council, now in its seventh year, epitomizes the manner in which we have effected the post-war social transition from the continuity of a stable hierarchy to a radically open juxtaposition of participating estates distinguished by the transitory character of the periods of appointment of the members, be they department chairmen, deans, vice-presidents or council members. Within the central governing structure itself we have the anomaly that in the exercise of academic accountability through the appraisal of individual academic programs within the context of the whole intellectual mosaic of the University, academic staff are not in the majority.

The old system preserved a strong institutional memory that served as an unstated statement of purpose. The new, more open system possesses limited institutional memory and a correspondingly limited capacity to focus critical attention through a shared

sense of purpose. There has been loss of a teleological sense and, therefore, less coherence and trust. The hierarchical characteristic of administrative *in loco parentis* has been replaced by a legitimate assertion of individual and collective rights and expectations. Arising out of the innate humanity of this state there is a burgeoning litigiousness which on the one hand brings into being necessary policies for defining rights and privileges and on the other the deflection of attention to the meticulous resolution of grievances and the further refinement of codes.

The Memorandum of Agreement between the University of Toronto Faculty Association and the Governing Council is symbolic of the new insistence upon codifying rights and privileges, an insistence marked widely in Canada by collective bargaining with respect to conditions of employment. Collegiality in the University has indeed a new demeanour.

Since these changes are rooted in the social milieu we have made for ourselves, it is fruitless to lament them. The university has become institutionally as well as intellectually an open society in which there are no tidy boundaries of responsibility and authority. In a complex modern form there may be elements to be discerned here of the medieval *universitas*. I hope my sense of optimism in that is well-founded. The test will be in whether or not questions of educational policy can engage the focused attention of faculty.

At the disciplinary level within the University, growth of large departments has accentuated the expression of *lehrfreiheit* with its attendant specialization of research and teaching that fragments scholarly perspective. This phenomenon which took deep root in the German universities is as prevalent in the professional schools as in the arts and sciences and has been accentuated by the strong commitment to graduate studies that has led this University to emerge during the past 20 years in its diversity as the major research-based university in Anglophone Canada.

In parallel with the intensification of the freedom of the scholar to select what is to be researched and taught we have in our open intellectual city accorded to students, particularly in arts and science, an immense measure of *lehrfreiheit*, of freedom to choose the subjects to be studied. In the undergraduate experience, is there not something symbolic of a potential lack



The University's tenth President, James Milton Ham, delivers his installation address. Dean Ben Etkin (below, left) assists in the robing. Dean Arthur Kruger of Arts & Science (below, right) brought greetings from the teaching staff.



.' says new President James Milton Ham, undergraduate liberal arts education

of coherence and continuity in the new designation of degrees as being fifteen course and twenty course? How may the collection of a designated number of grades in courses selected from the vast catalogue of our intellectual pluralism entitle one to enter into the company of educated men and women? I would ask the same question on different grounds of our professional programs.

The internal and external factors I have sketched provide a particular context for the foregoing question, but the question is old and forms part of the historic question of the balance of the university, the balance between scholarship, research and teaching, between professional schools and the arts and sciences, between graduate and undergraduate studies, and between vocationally directed and liberal elements of education.

Beyond the fuss and fume of the tedious administrative processes of an open and litigious institution and the responsibility to help hold a balance in our intellectual ballast, my deepest concern is for the revivification of undergraduate liberal education in the Faculty of Arts & Science and its associated colleges. Internally it is essential to the strength of the University and externally it is essential to combat a burgeoning instrumental view of education that values knowledge over wisdom and in the darkness of our times finds little value in the redeeming power of the individual and communal search for truth.

At the risk, as a member of a professional faculty, of giving offense to a whole world of scholarship I do not comprehend, I venture to suggest what some of our responsibilities for liberal education are in our radically open and pluralistic academic city. Let me first use an image to define the centrality of place that I would accord to the humanities in the University of Toronto.

Consider four concentric circles nested one inside the other. Their circumferences form the boundaries of three annular rings and a central circle. In the outer annular ring I place the professions of medicine, law, engineering, management studies and their many honourable compatriots. The professions have a clearly instrumental value — medicine to cure our ills, law to render justice, engineering to generate energy to propel our technologies, management studies to structure our organizations. But each in a university context is called upon to teach the scientific and humane roots that characterize its capacity for service to the public good. This liberalizing influence must be sought in the inner rings.

In the second annular ring lying adjacent to the professions, I place the social sciences that involve the study of man in his collective behaviour in

ancient river valleys, in modern cities, in structures of power, at work, in the family, on the streets. Anthropology, geography, political science, economics, sociology, urban and community studies, industrial relations and criminology are included here. The understanding of the politics of power, how economies may flourish and flounder, how urbanization may transform lands and peoples, are some of the objects of study.

In the third annular ring reaching inward, adjacent to the innermost circle, I place the physical and the life sciences. The subjects of study in the physical sciences are the structure of non-living matter on the cosmic scale of galaxies, on the human scale of materials shaped into nuclear reactors, on the molecular, atomic and subnuclear scales of physics and chemistry. I include in this ring mathematics and computer science, branches of our understanding that have sprung out of the creativity of the reasoning mind. On the cosmic and molecular scale of the world around us and in mathematics, at its roots the motivation towards understanding is curiosity. The uses and abuses to which such understanding may be put are legion.

The life sciences that share the third of my four annular rings encompass the study of living things from plants to animals to man, on the scale of colonies such as of penguins, to organs such as the heart, to the scale of cells and their nucleic constituents with which is associated the scientific idea of life and its reproductive capacity. None of us has not benefited from the fruits of understanding that are achieved and many of us are concerned by the potentialities for the manipulation of basic genetic structures.

In the fourth and central ring I place the humanities whose subjects include literature and language, history, philosophy, religion, art, and drama, subjects that illuminate the worlds that man has created and is trying to create through the ordering of his imagination and reason. The humanities define the shape of civilization and help the individual find himself in his or her uniqueness.

Liberal education in the Faculty of Arts & Science draws its essential roots from the humanities and sciences, the three inner rings of my four, but ought also to draw upon the understanding of the issues of serving the public good that are innate to the professional schools. What man or woman is literate in our time that does not know something of how the work of the contriving thumb has transformed the ground of experience for the imagining mind? Let us still see in our mind's eye a university rather than a multiversity. The informing

principle of the university is that mere knowledge must be refined into truth and wisdom in the crucible of a coherent educational experience distinguished by form and continuity.

Northrop Frye, in his delightful essay "The University and Personal Life" suggests that knowledge is knowledge of something: wisdom is a sense of the potential rather than the actual, a practical knowledge ready to meet whatever eventualities may occur in an uncertain future. In a recent address, Jaroslav Pelikan at Yale has argued that in addition to building competence the student ought to encounter questions of character and conscience. Do we offer to our students the opportunity to realize such an educational experience? Do we believe in it as the unifying principle of our fragmented intellectual city?

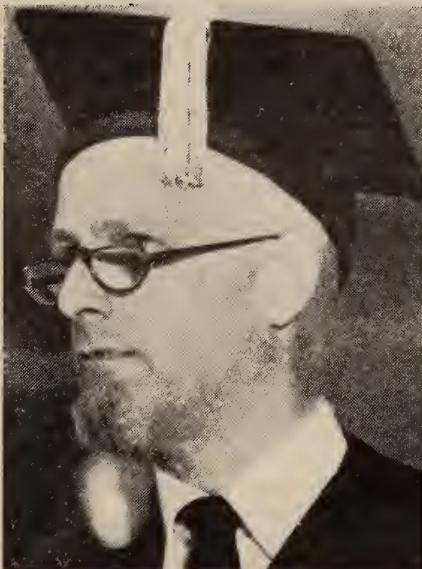
In the Faculty of Arts & Science, the instrumentalities that we possess for the purpose are the disciplinary departments and the colleges in all their forms — federated, University College, the constituent colleges, Scarborough and Erindale. The realization of the great potential of this University to revivify liberal education lies in the will of these instrumentalities to complement one another. If the Memorandum of Understanding, which is an agreement between the colleges and the University as to their academic roles, has not achieved

all that was hoped for, it has shattered the old constraining mould of college subjects and offered, at least in principle, open access by the colleges to all disciplines. I look to the Committee to Review the Undergraduate Program, chaired by Father Kelly, and to the further review of the Memorandum of Understanding as the sources of specific guidance for the University. However, I would like to sketch an outsider's sense of it all.

To the departments belongs the responsibility for the competence of students in the knowledge of foundation subjects and for the shaping of specialist programs. To the colleges and departments together belongs the formulation of programs of liberal studies that satisfy some accepted norm of coherence and continuity. An object of such programs is to establish neighbourhoods of personal encounter both geographical and intellectual, within which association among staff and students can offer the opportunity to realize the reflective transformation of knowledge into understanding and wisdom. The staff of the departments, through the selective allocation of their attention to both discipline and liberal program, are in effect also the staff of the colleges. The means for achieving the necessary selectivity of attention and for ensuring due recognition of it so as to preserve both disciplinary roots and a strong commitment to undergraduate teaching has been the continuing puzzle which we must in good faith and conviction struggle to resolve.

My view is that the totality of non-specialist programs should constitute the field of liberal responsibility of the colleges and that individual colleges should be the "seat" of selected groups of programs which define what I call "intellectual neighbourhoods". The implication of these simplified remarks is that students should look to particular colleges as particular kinds of intellectual neighbourhoods in which to live. The defining and redefining of the college neighbourhood within the intellectual city of arts and science would be the stimulating essence for the assertion of college identity. The diversity of intellectual neighbourhoods would stimulate bases for dispute and argument between definable communities. Pluralism, which is the fragmentation of our whole intellectual selves, may or may not have a resolution into contending but coherent neighbourhoods of the intellect but undifferentiated pluralism generates destructive discontinuity of experience for students.

These are one person's words for the perpetual dilemma for all universities, a dilemma related on the one hand to the fragmentation of knowledge and on the other to the question of the balance between research, scholarship and teaching. It is a dilemma to which the colleges have given noble service. But as an outsider I plead for that stirring of the will in the Faculty of Arts & Science that can vitalize afresh the meaning of liberal education in the University of Toronto. Is it worth the effort? Is a new president from a professional faculty impertinently beyond his depth in calling for a deepening of commitment? If so, I have no doubt about being told so! There are two grounds of worth, one internal and one external. Internally this University is in need of the reassertion of leadership from the humanities — a leadership essential in itself and necessary for the balance of the



Governing Council chairman Marnie Paikin (below, left) conducted the installation. The platform party included (from left to right) Principal Peter Richardson of University College, Father John Kelly of St. Michael's College, President James Ham, Lieutenant-Governor Pauline McGibbon, and Chancellor Arthur B.B. Moore.



Continued on Page 8



Lieutenant-Governor Pauline McGibbon congratulates President Ham.

University. Externally there is a cloud forming upon the land that we are all called upon to fight. In our troubled society to which our universities must give all of the service that can be wisely mustered, I believe we are called upon, for example, to be open to the needs for part-time studies for mature students and to further extend opportunities for continuing education for persons who must change the thrust of their careers in response to the changing shape of our society. But there are also those who would steer us to narrowly conceived short-term pragmatic ends. Upon the occasion of his installation as honorary president of the University of St. Andrews one hundred years ago, John Stuart Mill had this to say which may serve as a response:

"Every time we have to make a new resolution or alter an old one, in any situation in life, we shall go wrong unless we know the truth about the facts on which our resolution depends . . . If we cannot do so in any degree, we should be mere instruments in the hands of those who could; they would be able to reduce us to slavery."

It is the education of the venturesome independent mind that forms the essential complement to specific occupational skills. In a society which is litigiously over-regulated, liberal education can and must provide insurance against the risks of blind conformism and help to strike a balance between individual initiative and collective bureaucratization.

I shall close by observing that in its remarkable, inventive way the University of Toronto is about to welcome into its midst, I trust Mr. Deputy Minister with the concurrence of your ministry, an intellectual neighbourhood that has been estranged from us since 1849 because of the peculiar conflict of church and state that marked the transformation of King's College into the University of Toronto. Since that time the University of Toronto has by legislative act been precluded from granting degrees in theology. Other universities in Ontario have not been so constrained.

In 1969 the five theological colleges in the University of Toronto: Knox, St. Michael's, Trinity, Victoria and Wycliffe, and two others, Regis College and St. Augustine's Seminary, federated together to form the Toronto School of Theology which has achieved an excellent standard favourably appraised by leading scholars from McGill and Berkeley. About a year and one-half ago, the school proposed to the Governing Council that it be affiliated to the University through an agreement that provides for the conjoint award of degree degrees.

The Governing Council, after seeking rigorous external appraisal, has now approved the agreement and conveyed it to the government for consideration. St. Michael's, Trinity and Victoria Universities have of course long been federated with the University of Toronto for purposes of instruction in arts and science. What is happening now is that an ecumenical intellectual neighbourhood is having the formal barriers to the open academic city removed. I express the hope that the secular departments and colleges associated with the Faculty of Arts & Science may be imbued with a secular ecumenical spirit that will create revivified intellectual neighbourhoods in this great academic city. And I would like to see the professional faculties conceive of themselves as colleges liberated from an undue emphasis on the instrumental through discourse with the colleges of the inner academic city.

I close with these words from a poem by Edna St. Vincent Millay:

"Upon this gifted age, . . . Rains from the sky a meteoric shower Of facts . . . they lie unquestioned,

uncombined.

Wisdom enough to leech us of our ill Is daily spun, but there exists no loom To weave it into fabric . . ."

Let us with hope and a measure of joy refurbish the looms of liberating education in all of the intellectual neighbourhoods of this great academic city and believe in the power of images and of the idea of the university.

A fellowship to study Chinese will aid translation of merchant's autobiography

Sociology professor Janet Salaff has been awarded a \$15,000 Andrew W. Mellon Foundation fellowship for advanced study of the Chinese language. Salaff, who currently reads Chinese at the "contemporary" level, will use the grant to study the more complex "semi-colloquial" Chinese. To aid in her studies, she will be doing an original translation of the autobiography of a famous Chinese merchant, Chia-keng, written in the semi-colloquial style.

The Chinese language, explains Salaff, is divided into three styles: literary, semi-colloquial, and contemporary. This wasn't always so. Before 1950, written Chinese existed mainly in the literary and semi-colloquial forms, both so highly stylized that they could only be read by the small minority of Chinese who had a classical education. To bring the written word closer to the vernacular, contemporary Chinese was introduced.

In a massive campaign aimed at informing the general population of official Communist party policy, the government set about simplifying the ideographs, or characters, and eliminating most literary grammatical forms, especially in magazines and newspapers.

Salaff's personal language training at the contemporary level is based on these publications. Her source materials have included *Chung-kuo-Fu-nu (Chinese Women)*, a magazine advancing the theme

of child-raising and one which Salaff describes as similar to, if somewhat more didactic than, North American women's magazines; and *Hung-ch'i (Red Flag)*, the official monthly journal of the Chinese Communist party. By studying semi-colloquial Chinese, which Salaff says is closer to the vernacular than the literary style is, she will be able to read original historical material, such as Chia-keng's autobiography.

Professor Salaff teaches Chinese social structure and her special sphere of interest is the Chinese family: marriage, family size, birth control, and the status of women.

In addition to the autobiography, one of her first projects will be the study of historical journals tracing the history of China from the Opium War of the mid-nineteenth century up to the present.

Another of her projects will be to look into the historical roots of contemporary Chinese families by reading journals, theses, and reports written in the 1920s and 30s on these subjects. She hopes also to do a similar study on Taiwanese families.

Another project will take her away from the home and into the factory, where she will design a comparative study of Japanese, Taiwanese, and North American workers employed in Japanese factories.

Job Openings

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call: (1) Sylvia Holland, 978-6470; (2) Penny Tai-Pow, 978-5468; (3) Manfred Wewers, 978-4834; (4) Ann Sarsfield, 978-2112; (5) Beverley Chennell, 978-7308; Clive Pyne, 978-4419.

Secretary I (\$8,480 — 9,980 — 11,480)
Student Awards (4), Nursing (4), Preventive Medicine & Biostatistics (2)

Secretary II (\$9,340 — 10,990 — 12,640)
Business Affairs (5), Chemistry (1), Dentistry (1), Medicine, two positions (4), Preventive Medicine & Biostatistics (4), Rehabilitation Medicine (4), Radiological Research Laboratories (4)

Laboratory Technician II (\$11,430 — 13,450 — 15,470)
Pharmacy (4)

Laboratory Technician III (\$12,620 — 14,850 — 17,080)
Faculty of Dentistry (1), Pharmacy (4)

Laboratory Technician IV (\$15,550 — 18,290 — 21,030)
Preventive Medicine & Biostatistics (2)

Dental Assistant (\$9,340 — 10,990 — 12,640)
Faculty of Dentistry, temporary (1)

Programmer II (\$13,340 — 15,700 — 18,060)
Health Care Research Unit (4)

Programmer III (\$16,420 — 19,320 — 22,220)
Business Information Systems (5), Playfair Neuroscience Unit (4), Computer Centre (3)

Engineering Technologist II (\$13,340 — 15,700 — 18,060)
Mechanical Engineering (5)

Professional Engineering Officer (\$14,020 — 16,490 — 18,960)
Surgery (4)

Control Technician (\$13,340 — 15,700 — 18,060)
Physical Plant (6)

Maintenance Engineer - Professional Engineering Officer III (\$20,220 — 23,790 — 27,360)
Physical Plant (6)

Senior Electrical Draftsman - Draftsman III (\$14,020 — 16,490 — 18,960)
Physical Plant (6)

Research Assistant (\$10,280 — 12,090 — 13,900)
Psychology (1)

Building Services Officer (\$10,280 — 12,090 — 13,900)
Music (2)

Editor II (\$13,340 — 15,700 — 18,060)
Press (2)

Computer Operator II (\$11,430 — 13,450 — 15,470)
Faculty of Library Science, sessional (6)

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Bookroom now open on Saturdays

and *Playboy's* still in stock, thanks to survey

Anyone who in the past has decided to visit the St. George campus Bookroom on a Saturday, only to find it closed, will be pleased to learn that henceforth the Bookroom will be open from 11 a.m. to 5 p.m. on Saturdays, from September to April.

This welcome change is one result of a survey of Bookroom customers conducted during April, May, and June. Fifty-one percent of the 598 customers who completed and returned the survey indicated they would visit the Bookroom if it were to open Saturdays.

"In particular, a number of complaints were received from local doctors about the difficulty of getting to the Medical Bookstore during normal hours," according to a report on the survey prepared by John Taylor, who is general manager of all the U of T Press bookstores, including the flagship Bookroom and the Textbook Store. The Medical Bookstore is located in the basement of the Bookroom, on King's College Circle.

A breakdown of the replies showed that 43 percent were from students, 39 percent from faculty, and 17 percent from support staff, Taylor writes, and this "probably reflects the Bookroom users as a whole".

A great many "scathing comments about 'parochialism', 'nationalism gone mad', 'chauvinism', and so on", accompanied the responses to a question asking whether the Bookroom should carry only Canadian magazines, papers, and journals, along with all periodicals of academic interest, Taylor reports.

Based purely on economic grounds, Taylor writes, a slight reduction in the number of magazines carried has since been made, though 69 percent of the respondents said they were against any reduction.

David Nowlan is SGS vice-dean

David M. Nowlan, professor of economics, has been appointed vice-dean, School of Graduate Studies.

Prof. Nowlan received his BSc in engineering from Queen's University in 1958, his BA from Oxford in 1960, and his MA and PhD in economics from U of T in 1963 and 1965.

He has worked as an economist for the governments of Canada and Tanzania, is chairman of the U of T's Urban Studies Committee, and is a member of the Metro Plan Advisory Committee, Municipality of Toronto.

As vice-dean, Prof. Nowlan will be responsible for the internal planning of the direction of graduate programs, and external planning in co-operation with such bodies as the Ontario Council on Graduate Studies.

One example of the periodicals no longer carried on the Bookroom's shelves is a British publication called *Ballroom Dancing*, Taylor informed the *Bulletin* in an interview. *Seventeen* and *Playboy* are among the well over 300 titles still available.

Ninety percent of the respondents have used other bookstores in the past 12 months, the report notes, and a total of 10 other stores were mentioned, ranging in popularity from Coles, at the top, to the Longhouse Bookstore, specialists in Canadian titles, at the bottom. This would indicate "that the charges heard in the past that the University of Toronto bookstores operate as a monopoly are no longer part of the University mythology".

Among the changes in the Bookroom's operation prompted by the survey are that magazine subscription cards are now available; better wrapping paper and greeting cards, as well as Texas Instrument calculators, are in stock; and new books from university presses are more prominently displayed.

"Planning is going ahead for a new and larger store to be built on the southwest campus, which will replace both the Bookroom and the Textbook Store," Taylor reports.

"When this is completed, most of the problems regarding lack of space should be cured."

This was the first such survey in 15 years and the response "generally reflects both the improvement in the bookstores' operation and the very different political climate on campus," the general manager writes.

"This time around only one expletive needed deleting and no one suggested burning down the bookstores."



Who's on the Budget Committee?

For the information of readers wondering precisely who will be deciding how the University's money will be spent next year, the members of the Budget Committee for 1979-80 are:

Prof. D.A. Chant, vice-president & provost, *chairman*; Prof. H.C. Eastman, vice-president — research and planning, *vice-chairman*; Prof. W.E. Alexander, vice-president — internal affairs; B.A. Batten, part-time undergraduate student; Prof. J.B. Conacher, teaching staff;

M.E. Dedrick, director of finance; Joyce Forster, alumna; D.A. Gulien and R.E. Johnston, full-time undergraduate students; Prof. Merrijoy Kelner, teaching staff; J.D. Kraemer, administrative staff; Prof. E.S. Lee, teaching staff; R.F. Moore, alumnus; Prof. R.H. Painter, acting dean, School of Graduate Studies; June Surgey, government appointee; Prof. S.G. Triantis, teaching staff; and T.A. Wardrop, government appointee.

This arctic 'super grass' is tailor made for mine tailings

Two thousand barren, unsightly acres of mine industry dumping grounds in the Northwest Territories and the Yukon may once again support vegetation because of a species of "super grass" being developed by Botany Department chairman Tom Hutchinson.

These dumping grounds, known as mine tailings, are not only eyesores, but are environmentally hazardous as well. Rainwater leaching through them turns into a toxic liquid threatening life in nearby rivers and streams.

Although mining companies have come under pressure from the government to re-vegetate the tailings, they have not found it easy to comply. Because the tailings have been made acidic by sulphur in the ore waste, past efforts to coax life from their soils have proven to be difficult and expensive, and successful only on a short-term basis.

In one attempt, the tailings were limed to decrease their acidity, loaded with fertilizer, and then planted with barley and rye. Unfortunately, after about three years, the soil became as acidic as ever and no longer supported vegetation.

Professor Hutchinson is attempting a somewhat different approach to the problem, taking his cue from nature. Rather than altering the character of the soil to suit the crop, he has searched for vegetation that will thrive in extreme acidity. And he has found it in two places. Ironically, one of them is in the mining areas of Sudbury.

"Some wild native woodland and weedy grass species are now invading land around the smelters," says Hutchinson. "It seems they have tolerance to both acid soils and heavy metals."

The other place he has found this "super grass" is at Smoking Hills, in the

Northwest Territories. There, natural lignite that has burned spontaneously in cliffs along the sea for at least 1,000 years has caused acid precipitation, which in turn produced acid soil. In addition, heavy metals, most notably arsenic, produced by smoke from the fires, have found their way into the soil. Yet vegetation grows there — vegetation which has adapted to these conditions.

Hutchinson theorizes that this "super grass" is a mutant form of vegetation which has evolved to adapt to its environment. Whatever the reason, experiments to plant these arctic grasses in the Sudbury mine tailings have met with great success.

"In mine tailings where nothing else could survive before, these grasses are flowering," enthuses Prof. Hutchinson.

The next step, he says, is to select two of the hardy grasses and put them into seed production for industrial and government use. Although seed production probably won't be realized for another five or 10 years, Hutchinson seems confident of the eventual commercial viability of the "super grass".

"We think we can produce grasses tailor-made for tailings," he says.

First Philip Child reading

British poet Thom Gunn will be Trinity College's guest at the first Philip Child reading on Oct. 12 at 8 p.m. in Seeley Hall.

An annual reading by an author of his own work, the Philip Child reading commemorates Dr. Child's talent as a reader both of his own and other authors' works.

International Congress

Government assistance is available to persons undertaking to invite an international congress to meet in Canada. Conference Management Associates will provide assistance in concert with appropriate agencies to individuals who wish to develop an effective invitation programme.

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References provided: First Congress on Education; Ministry of Culture & Recreation; Third International Congress on Cleft Palate; Canadian International Philatelic Exhibition; and more.

Events

Lectures

Tuesday, October 10

Death in West African Literature. Prof. Victor Aire, University of Gos, Nigeria. Informal discussion will follow lecture. 2053 New College, 20 Willcocks St. 4 p.m. (African Studies Program, New College)

"Oedipus at Colonus" and "King Lear".

Dr. George Steiner, 1978 Snider Bequest Lecturer from University of Geneva. 2074 South Building, Erindale College. 8 p.m. Tickets free but required, telephone 828-5214.

Wednesday, October 11

English Literature in the Age of the Extraterritorial.

Dr. George Steiner, 1978 Snider Bequest Lecturer from University of Geneva. 2074 South Building, Erindale College. 8 p.m. Tickets free but required, telephone 828-5214.

Thursday, October 12

Was Plato a Feminist?

Prof. Gregory Vlastos, visiting Department of Philosophy from University of California, Berkeley. 1016 New College, 40 Willcocks St. 4 p.m. (Women's Studies and Philosophy)

Bone marrow transplantation across the ABO barrier.

Drs. Jaroslav Prchal and John Curtis, Department of Medicine, and Annette Poon and Peter McClure, Department of Paediatrics. Main lecture theatre, Toronto General Hospital. 7 p.m. (Pathology)

Friday, October 13

Women and Canadian Sport.

Abby Hoffman, Ontario Ministry of Culture & Recreation. Innis College Town Hall. 12.15 p.m. Fourth talk in Lunch & Learn Club Series I, "Sport in Canadian Society"; membership for four series of lectures, \$25. Information, 978-2400 (Continuing Studies)

Tuesday, October 17

Empire as a Way of Life: An Interpretation of American Culture.

Prof. William Appleman Williams, president-elect, American Organization of Historians; first of two lectures under Bissell Visiting Lectureship Program. West Hall, University College. 4 p.m. (History and UC)

Meetings

Thursday, October 12

E. Harry Botterell Day.

Neurosurgical symposium in honour of Dr. E.H. Botterell, former chief of neurosurgery, U of T, and dean of medicine and vice-president health sciences, Queen's University. Visiting professor, Dr. W.H. Sweet, Massachusetts General Hospital; all other speakers will be neurosurgeons who trained with Dr. Botterell who will give summation of day's proceedings. Main lecture theatre, Toronto General Hospital. 9 a.m. to 4.30 p.m. Information, 595-3443.

Ontario Advisory Council on Multiculturalism.

Open meeting for exchange of views between advisory council and U of T. Council Chamber, Simcoe Hall. 4 to 6 p.m. Information, 978-6564.

Saturday, October 14

Culture, Technology, and the Innis Tradition.

A dialogue on Harold Innis with Prof. Eric A. Havelock and Dr. Marshall McLuhan, University Professor; moderator, Prof. Ian Drummond, Department of Political Economy. Innis College Town Hall. 2 p.m.

Wednesday, October 18

Courtiers in a world without courts: Castiglione and the twentieth century education.

Dr. Northrop Frye, University Professor. Room 3, New Academic Building, Victoria College. 4 p.m.

Limited admission tickets available from Italian Cultural Institute, 111 Avenue Road; Reformation & Renaissance Studies, 315 Pratt Library; Italian Studies, 21 Sussex Ave.; English, room 2101, 7 King's College Circle; and Comparative Literature, 14-045 Robarts Library.

(Reformation & Renaissance Studies and Italian Cultural Institute)

Thursday, October 19

Another Frontier — Another Tyranny? The American Conception of the Sea.

Prof. William Appleman Williams, president-elect, American Organization of Historians; second of two lectures under Bissell Visiting Lectureship Program. West Hall, University College. 4 p.m. (History and UC)

Friday, October 20

Sport, physical activity and meditation: an eastern look.

Prof. Roselyn Stone, School of Physical & Health Education. Innis College Town Hall. 12.15 p.m. Fifth talk in Lunch & Learn Club Series I, "Sport in Canadian Society"; membership for four series of lectures, \$25. Information, 978-2400. (Continuing Studies)

Monday, October 23

The Search for a Canonical Interpretation of the Bible.

Prof. Brevard S. Childs, Yale University. First of four 1978 Laidlaw Lectures, "The Old Testament as Scripture of the Church". Knox College Chapel. 4 p.m.

The Myth of Scientific Medicine: A Historian's Viewpoint.

Prof. L.S. King, University of Chicago. 3153 Medical Sciences Building. 5 p.m. (Hannah Institute)

Tuesday, October 24

The Book of Isaiah in the Context of the Canon.

Prof. Brevard S. Childs, Yale University. Second of four 1978 Laidlaw Lectures, "The Old Testament as Scripture of the Church". Knox College Chapel. 4 p.m.

Seminars

Wednesday, October 11

City Planning in Germany.

Pres. Gerd Albers, Technical University of Munich. 104 Architecture Building, 230 College St. 2 to 4 p.m. (Urban & Regional Planning and Urban & Community Studies)

Diagenesis: Key to Pore Geometry and Reservoir Potential of Sandstones.

Dr. E.D. Pittman, Amoco Research Laboratories, Tulsa. 202 Mining Building. 4 p.m.

Thursday, October 12

Environmental carcinogenesis of PCBs: model compound studies.

Prof. Steve Safe, University of Guelph. 130 Wallberg Building. 4 p.m. (IES and Environmental Engineering)

Monday, October 16

Interpretation of Paleocurrent Indicators in Glaciofluvial Sediments.

Prof. Peter Duckworth, Department of Geography. 1148 South Building, Erindale College. 12 noon to 1 p.m. (Earth & Planetary Sciences brown bag seminar)

Spectroscopic Studies on Clusters and Surfaces.

Dr. Alex Bradshaw, Fritz-Haber-Institut der Max-Planck-Gesellschaft, West Berlin. 428 Lash Miller Chemical Laboratories. 2 p.m.

Induction and regulation of tumor immunity.

Dr. Mark Greene, Harvard Medical School. 417 Best Institute. 4 p.m.

A Survey of Industrial Mineral Deposits.

Prof. E.T.C. Spooner, Department of Geology. Engineers' Club, Victoria and Richmond Streets. 4 p.m. (Joint meeting with Toronto Geological Discussion Group)

Communism and the Dilemmas of National Liberation: The CP(b)U, 1919-33.

Jim Mace, graduate student, University of Michigan. Common room, 2nd floor, 21 Sussex Ave. 7.30 p.m. (Ukrainian Studies)

The Origins of Karuna-Prajna Coefficients of Bodhi.

Prof. John C. Huntington, Ohio State University. Basement lecture room, McLaughlin Planetarium. 4 p.m.

Tuesday, October 17

The Relative Economic Efficiency of the Canadian National, Canadian Pacific and American Railroads.

Prof. L. Christensen, University of Wisconsin. Coach House conference room, 150 St. George St. 2.30 p.m. (Policy Analysis, Joint Program in Transportation and SGS)

Thursday, October 19

Detritus and Juvenile Salmon Production in the Nanaimo Estuary.

Prof. Bob Naiman, Philadelphia Academy of Natural Sciences. 432 Ramsay Wright Zoological Laboratories. 4 p.m.

Friday, October 20

Diurnal and Circannual Variations in Cold Tolerance and the Serotonergic System.

Dr. Oliver P.J. Heroux, Division of Biosciences, National Research Council. 2173 Medical Sciences Building. 11 a.m.

Monday, October 23

Mountains of the Immortals: The Paintings of Fan Ts'ung-i

Mary Gardner Neill, Yale University Art Gallery. Basement lecture room, McLaughlin Planetarium. 4 p.m.

The Methodist Church and Ukrainians in Canada: A Study in Assimilation Policy.

Vivian Olander, graduate student, Toronto School of Theology. Common room, 2nd floor, 21 Sussex Ave. 7.30 p.m. (Ukrainian Studies)

Tuesday, October 24

The current dilemma of the life sciences.

Prof. Em. Erwin Chargaff, Columbia University. Informal seminar in SGS Alumni Association 1978 distinguished lectures. 1016 New College, 40 Willcocks St. 4 p.m. (Biochemistry, Clinical Biochemistry, IHPST and New College)

Colloquia

Wednesday, October 11

Globular Clusters and Galaxy Formation.

Dr. Sidney van den Bergh, Dominion Astrophysical Observatory. 137 McLennan Physical Laboratories. 4 p.m.

Thursday, October 12

Partial Boolean Algebras and Quantum Logic.

Prof. Rig Hughes, Department of Philosophy. 2080 South Building, Erindale College. 4 p.m. (Erindale Logic Colloquium)

Nuclear Spin Systems and the Philosopher's Stone.

Prof. John Waugh, Massachusetts Institute of Technology. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics and SGS)

Friday, October 13

Religious Leadership and Social Change in Contemporary Iran.

Prof. Gustav Thaiss, York University. Religious Studies lounge, 14-352 Robarts Library. 1 to 2.30 p.m.

Small Rings as Models for Inorganic High Polymers.

Prof. Harry Allcock, Pennsylvania State University. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry and SGS)

Monday, October 16

The Methylation of 6-Methyl-5,6,7,8-Tetrahydropterin and Related Compounds, and the Biological Activity of the Dihydro Derivatives towards Dihydropteridine Reductase.

Prof. W.L.F. Armarego, Australian National University. 428 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry and SGS)

Tuesday, October 17

Modelling Surface Chemistry with Organometal Clusters.

Prof. J.R. Shapley, University of Illinois, Urbana-Champaign. 428 Lash Miller Chemical Laboratories. 3 p.m.

Wednesday, October 18

Catalytic Asymmetric Hydrogenation.

Prof. W. Knowles, Monsanto Chemical Company. 428 Lash Miller Chemical Laboratories. 4 p.m.

Thursday, October 19

Review of the Glassy State.

Prof. T.H.K. Barron, School of Chemistry, Bristol. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics and SGS)

Friday, October 20

Flourescence Spectroscopy and Some of Its Applications in Chemical Analysis.

Dr. L.R.P. Butler, National Physical Research Laboratory, Pretoria. 158 Lash Miller Chemical Laboratories. 4 p.m.

Events

Miscellany

Wednesday, October 11

Form & Colour and Form & Space. Guest talks by artists Sheila Maki and Cara Popescu whose works are featured at Erindale to Oct. 13. Art Gallery, Erindale College. 12.15 p.m. Information and RSVP, 828-5214.

Careertalks.

Representatives from business, industry, government, and the academic world will discuss occupational areas and academic programs with students. Talks are held Monday and Wednesday in 1069 Sidney Smith Hall from 1 to 3 p.m.

Wednesday, Oct. 11, masters of business administration.

Monday, Oct. 16, Wednesday, Oct. 18, and *Monday, Oct. 23*, education careers. Information, 978-2537.

(Career Counselling & Placement Centre)

Thursday, October 12

Symposium on Recombinant DNA Research.

Prof. M.P. Winsor, Institute for the History & Philosophy of Science & Technology. B-C-D Brennan Hall, St. Michael's College. 8 p.m. (Committee on Ethics in Research & Scholarship)

Saturday, October 14

Blues Football.

Varsity vs University of Western Ontario. Varsity Stadium. 2 p.m.

Sunday, October 15

Cider 'n' Song.

Spend the day at Hart House Farm in the Caledon Hills, press your own apple cider. Bus leaves Hart House at 10 a.m. Information, 978-2446.

Monday, October 16

Non-traditional Jobs On and Off-campus.

Women in occupations not usually entered by women will talk about opportunities in fields ranging from engineering to bus driving. First of three programs, "Women and Jobs: Satisfaction or Survival". Innis College Town Hall. Two sessions: 12 noon to 2 p.m. and 5 to 7 p.m. Information, 978-8507 or 978-7051.

Friday, October 21

Blues Hockey.

Toronto Tournament, Friday and Saturday, with U of T, York, Laurier, and Concordia. Varsity Arena, games at 5 and 8 p.m. both nights.

Monday, October 23

How to Survive as a Female Employee.

Session will include career planning, sexist attitudes, and questions in the employment interview. Second of three programs, "Women and Jobs: Satisfaction or Survival". Innis College Town Hall. Two sessions: 12 noon to 2 p.m. and 5 to 7 p.m. Information, 978-8507 or 978-7051.

Plays & readings

Wednesday, October 11

The League of Youth

Henrik Ibsen early comedy, translated by Peter Watts, is a satire about a handsome young demagogue trying to carve a career in society ruled by compact of rich families. Directed by Ira Levine, designed by Martha Mann; first of three in Drama Centre season of 19th century plays.

Hart House Theatre, Oct. 11-14 and 18-21 at 8 p.m. (Please note new time.) Tickets: subscription \$12, student \$6; single \$5, student \$2.50. Tickets and information, 978-8668.

Thursday, October 12

Thom Gunn.

British poet will give first Philip Child Reading in what is to be annual reading by an author of his own work. Seeley Hall, Trinity College. 8 p.m.

Monday, October 16

UC Poetry Reading.

Prof. Michael Sidnell will read W.H. Auden and Prof. Ren'e Graziani will read Philip Larkin. Walden Room, Women's Union, 79 St. George St. 4.10 p.m.

Films

Wednesday, October 11

Inner Limit.

Fifth in series of 12, "Planet of Man", television series by Dr. J. Tuzo Wilson. 2080 South Building, Erindale College. 1 p.m.

(Earth & Planetary Sciences)

Thursday, October 12

Giotto and the Pre-Renaissance.

Second of "Museum Without Walls" series, contrasts formal art of Giotto's predecessors with his innovations; frescoes at San Francesco, Assisi, and Florence are examined. Hart House Art Gallery. Two screenings: 12 noon and 7 p.m.

(HH Art Committee)

Wednesday, October 18

Shield of Plenty.

Sixth in series of 12, "Planet of Man", television series by Dr. J. Tuzo Wilson. 2080 South Building, Erindale College. 1 p.m.

(Earth & Planetary Sciences)

Thursday, October 19

Goya.

Third of "Museum Without Walls" series, relates Goya's life and features major works in Prado Museum, church frescoes and "black paintings" from walls of his house. Hart House Art Gallery. Two screenings: 12 noon and 7 p.m.

(HH Art Committee)

Exhibitions

Tuesday, October 10

Macedonia — Past and Present.

Exhibition of books at the Robarts Library in honour of the recent generous donation of books in the Macedonian language to the library by "The Society of Macedonian Emigrants" from Skopje. Second floor (entrance level), Robarts Library, to Oct. 20.

Prints by Claire Pratt.

New Academic Building, Victoria College, to Oct. 27. Exhibition open Monday-Thursday to 9 p.m., Friday to 5 p.m.

Thursday, October 12

Auguste Perret.

Exhibition of the work of French architect Auguste Perret, 1874-1954. Galleries, School of Architecture, 230 College St., to Oct. 27. Gallery hours: Monday-Friday, 9 a.m. to 8 p.m. (Architecture, Landscape Architecture and French Cultural Service)

Wednesday, October 18

Paintings by F.T.V. Savard.

Meeting Place Gallery, Scarborough College, to Nov. 8. Gallery hours: Monday-Thursday, 9 a.m. to 7 p.m.; Friday, 9 a.m. to 5 p.m.; Saturday-Sunday, 2 to 5 p.m.

Concerts

Wednesday, October 11

Deborah Dunleavy.

Wednesday afternoon pop concert. East Common Room, Hart House. 12 noon to 2 p.m.

Charles Foreman, Marcus Hennigar and Gerald Robinson.

Trio (piano, French horn, bassoon) will give first Wednesday noon hour concert. Concert Hall, Royal Conservatory of Music. 12.15 to 12.45 p.m. Information, 978-3771.

Thursday, October 12

Reginald Godden.

Piano recital, Goldberg Variations, first of Thursday twilight series. Concert Hall, Royal Conservatory of Music. 5.15 p.m. Information, 978-3771.

Sunday, October 15

Owen Brothers.

Flamenco guitarists, second Sunday afternoon concert. Great Hall, Hart House. 3 p.m. Free tickets available to HH members from hall porter's desk.

U of T Symphony Orchestra.

Victor Feldbrill will conduct first of three concerts; program includes Stravinsky, Mendelssohn; Mark Friedman, fourth year performance degree student, will be soloist for Prokofiev Concerto No. 2 in G minor for violin.

MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$3, students and senior citizens \$1.50. Information, 978-3744.

Wednesday, October 18

Coghlan Trio.

Wednesday afternoon pop concert. East Common Room, Hart House. 12 noon to 2 p.m.

Sunday, October 22

James Anagnoson and Leslie Kinton.

Piano duo recital. Concert Hall, Royal Conservatory of Music. 3 p.m. Tickets \$4, students and senior citizens \$2. Information, 978-3771. (Royal Conservatory of Music Alumni Association)

Career Planning Workshop

UTFA will co-sponsor a Career Planning Workshop for faculty, to take place the weekend of October 28-29. There will be a Saturday meeting, October 28, 10:00 a.m. to 4:00 p.m. and on Sunday, October 29, from 10:00 a.m. to 3:00 p.m. A preliminary meeting will take place Tuesday, October 24, 7-10 p.m. All meetings will be at Hart House, South Sitting Room, Third Floor. Saturday lunch will be available at Hart House. Bring your own lunch on Sunday.

The workshop can accommodate up to thirty persons. The cost is \$25 per person. The workshop is sponsored through the Office of Educational Development and UTFA. The leaders of the workshop are Cooper/Hamilton Associates, consultants in career planning.

Purpose: For people who are not immediately interested in changing their position in the University, but who are considering a change in the future.

Goals: To supplement skills and strategies for assessing skills in a) decision-making methods, b) values, c) strategies for the long-term search process.

Agenda: Time will be spent on the following questions:

- a) What are the skills you have, enjoy and hope to use again in the future?
- b) What activities do you want to avoid? Where are you stuck? (Principles of exclusion)
- c) Where do you wish to deploy your skills, under what conditions, (i.e. geography, preferred people to work with, value system, level of responsibility, salary)?
- d) How can you find what you are looking for, (i.e. job hunting as an information search, strategies and practice in job hunting as an information search)?

Method: Short lectures, written work, group discussion and a practicum.

To register, please call Terry Krompass, at 978-4976 before October 16, 1978.

The Colleges: They Do a Better Job Than Their Critics Suppose

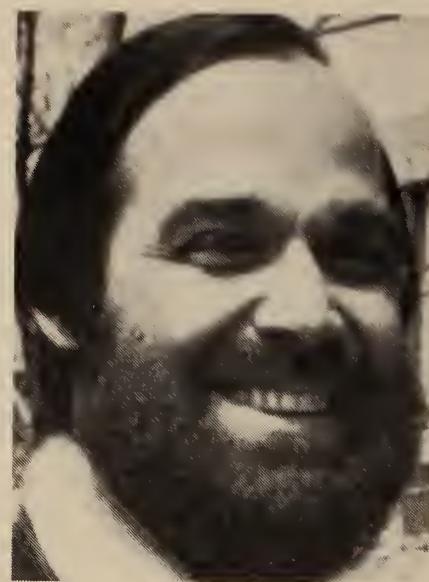
by Peter Richardson
University College

If the colleges didn't exist we'd have to invent them, says Principal Peter Richardson of University College.

The college system is "one of the distinctive and internationally recognized features of the University" but it has changed over the years, and not for the better, he says.

In the second in a series of opinion pieces by members of the University community, Principal Richardson sets out his "private short list of proposals" aimed at making the colleges "places where breadth, experimentation, integration, culture, and personal worth can be encouraged."

These columns are intended to stimulate discussion on issues concerning the University. The Bulletin welcomes your comments.



Abandon old ideas of the college system. Hand all academic responsibilities over to the departments. Move admissions procedures to the faculty. Eliminate the confusing role of the colleges within the faculty. Let the colleges become social centres.

Such a program is one way to solve the so-called college problem. It has the virtues, highly regarded in a time of austerity, of simplicity, uniformity, and bigness. The University should reject the temptation. Instead, many old features of a college system should be reaffirmed, not because they are old (though that is not in itself a bad reason) but because they promote values that the University should be especially concerned for in today's climate.

A college system can encourage close academic contact among students and between students and faculty, a sense of community, a healthy diversity arising out of differing perceptions of man and his world. Colleges can be places where social and cultural activities can be developed which will broaden narrowly specialized students, where concern can be expressed for the integrity of a student's education, and where the unity of knowledge in a fragmented University can be tested. Above all they can be places where students receive informed and concerned individual attention.

Notice that I said "can be"; I would not be foolish enough to claim that all colleges have accomplished all these

goals, though I think they do a better job of most of them than their critics suppose. Notice also that I do not suggest that the departmental system ought to be abandoned. Departments can and do play extremely important roles in a University of this size, particularly for specializing students. Their task of representing the interests of specific disciplines is fundamental. But an adequate view of education in the Faculty of Arts & Science demands an alternative to the impersonality, the increasing sense of specialization, and the job-oriented education that is all too prevalent in the present climate. Colleges represent such an alternative. If they did not exist we would have to invent them. They are places where breadth, experimentation, integration, culture, and personal worth can be encouraged.

I would like to see the colleges we presently have given a public mandate by the University to pursue such goals, with the necessary legislation and financial support to make them possible. Further, I would like to see the college system extended, so that the degree of diversity and the involvement of the undergraduate arts and science population may be increased.

A committee chaired by Father John Kelly is presently reviewing the arts and science curriculum; another chaired by Jack Sword, special assistant to the President, is reviewing the notorious — but little understood — Memorandum of Understanding. These two committees will set the conditions for undergraduate education in the next generation. The original memorandum (in 1974) established the principle of new University departments in the old college subjects, described certain clear objectives for the colleges, proposed forms of cross-appointments to re-staff the colleges, and set out the financial arrangements between the University and the federated universities.

The idea was right, the time was wrong. By the time the memorandum was being actively implemented in 1975, financial stringency and academic retrenchment made it almost impossible for full implementation. The challenge now is to reconsider the proposals and to describe workable arrangements so that the legitimate interests of both colleges and departments are protected.

The Kelly Committee will have to make many controversial recommendations. My private short list of proposals

includes the following: acknowledge that departments and colleges share the responsibility for undergraduate arts and science education; tighten up the departmental curricula so that there is an adequate sense of coherence and sequential progress; require of all students a major (20 course degrees) or a minor (15 course degrees); allow individually proposed specializations under the jurisdiction of college-based interdisciplinary committees; develop a college-based system of counselling at least for first year students; require of all students a measure of distribution, the distribution requirements to be established by the colleges within common guidelines (generally this requirement should be fulfilled by following set "sequences" or "minimors").

Such a program of change would give greater coherence to the education of arts and science undergraduates. There would be more sensible (and more limited) specialization, greater breadth, and more variety of educational emphasis available at the University of Toronto. But one more thing needs to be done. The college system should be extended.

Now, when the University is studying the possibility of a south-west campus, I should like to urge a careful look at the possibility of some or all of that development having a college basis. Why not provide the kind of facilities required in that area through the development of two new colleges, one perhaps science oriented and another perhaps social science oriented? The idea would be to provide in a college setting facilities as appropriate for these students as the present colleges are for humanities oriented students. No college would contain entirely one kind of student, but the proportions of kinds of students would vary among all colleges. The present colleges could alter the proportions among their students, so that each college could be genuinely different in its emphases, interests and make-up.

The college system is worth preserving, but not as an outdated excrescence. It is one of the distinctive and internationally recognized features of the University of Toronto, and it provides a basis for fresh emphasis on the liberal and humane undergraduate education so desperately required in the late 70s.

Clarifying Hungarian studies

Three weeks ago, an article was published in the *Bulletin* about the new Hungarian studies program at the University. Certain points of this article may be misinterpreted, and need further clarification.

Hungarian is not a Slavic language or culture, and it cannot be anyone's intention to make Hungarian studies a branch of Slavic studies. Nor does

"comparatism" mean such integration. The ambitious plan of the Canadian-Hungarian Community to establish the study chair would not have materialized without a matching grant from the federal government. This donation was left unmentioned in the article.

George Bisztray
Visiting Associate Professor

Promotions listing useful

I agree with Prof. Goffart (*Bulletin*, Sept. 25) that the *Bulletin* should include Arts & Science promotions and awards of tenure. Such a listing is

extremely useful to us at the college.

Peter Silcox
Principal, Woodsworth College

Publish promotions list

I would support my colleague Walter Goffart's plea for printing promotions and tenure lists yearly (*Bulletin*, Sept. 25, page 9).

This seems to me to be an important piece of University news.

Peter Brock,
Department of History

The School of Graduate Studies has received information on details of the Ontario Graduate Scholarship (OGS) program for 1979-80. A number of recommendations for changes from the 1978-79 program were made by the Ontario Council on University Affairs to the Minister of Colleges & Universities. The minister has responded to these recommendations with the following results:

1. There has been a relaxing of the eligibility restrictions for landed immigrants. The new regulation is that landed immigrants who have held landed immigrant status for one year prior to the OGS application date are eligible to compete with Canadian citizens for the open awards. This new rule is consistent with the requirements of most federally funded scholarships, such as the Canada Council awards, and replaces the three-year residency requirement of the 1978-79 OGS awards.

2. The maximum number of scholarships reserved for visa students and recent landed immigrants has been increased from 50 to 60.

3. The total number of awards is 1,200, the same as last year. The distribution

is: open scholarships, 1,095; institutional awards, to be held at universities having no doctoral programs, 45; visa holders and recent landed immigrants, 60.

4. The value of the award has been increased to \$4,800, or \$1,600 per term, as against \$4,500 and \$1,500 for 1978-79.

5. The eligibility limit has been more tightly defined to cover cases of students who may have previously held federal awards. The regulations will limit the number of years during which a student may hold an OGS or any major federal award — Canada Council, Medical Research Council, or National Research Council — to four.

Eric A. Havelock on campus

Eric A. Havelock, classics scholar, author and former professor of classics at U of T, Harvard, and Yale, will be on campus Saturday, Oct. 14 to debate culture, technology, and the Innis tradition with Marshall McLuhan (see *Events*, p. 10)